

CLAIMS

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1. A system for distributing pesticide into interior walls of a building comprising

a port mounted in an exterior wall of the building, said port being adapted to receive a discharge portion of a fluid injection device,

a distribution manifold connected downstream of the port having an inlet portion and a plurality of outlets,

a plurality of elongate tubing members connected to the outlets, each tubing member extending through at last one wall of the building and having fluid discharge openings spaced along said tubing members.

2. The system of Claim 1 wherein the manifold has at least four outlets.

3. The system of Claim 1 wherein the manifold has at least six outlets.

4. The system of claim 1 wherein the manifold has at least eight outlets.

5. The system of Claim 1 wherein only one single port is mounted in the exterior wall of the building.

6. The system of Claim 1 wherein the injection device includes an inert gas inlet, a pesticide inlet, and valve means for selectively providing inert gas and pesticide to the discharge portion.

7. The system of Claim 1 wherein the outlets are nipples adapted to receive end portions of flexible elongate tubing members.

8. The system of Claim 1 wherein the discharge portion of the fluid injection device is adapted to sealably mount to the port.

9. The system of Claim 1 also including a wheeled vehicle, a source of pressurized inert gas and a source of pesticide separately mounted on the vehicle, and conduits from the sources to the fluid injection device for providing pressurized inert gas and pesticide to said device.

5 10. The system of Claim 1 also comprises flow-measuring means for determining the amount of pesticide distributed into the building, and recording means for providing a printed record of the amount of pesticide distributed into the building.

10 11. The system of Claim 10 wherein the recording means is mounted on the vehicle.

12. The system of Claim 1 wherein the tubing members also include audible signal means for producing an audible signal when inert gas flows through the tubing members.

15 13. In a system for distributing pesticide into interior walls of a building wherein a plurality of elongate distribution conduits are disposed within walls of the building, the improvement therein which comprises audible signal means mounted in at least one of the conduits for producing an audible sound when inert gas flows through said conduit.

20 14. The system of Claim 13 wherein the audible sound is a whistle.

15. The system of Claim 13 wherein the audible signal means is mounted at downstream portions of a plurality of conduits.

16. A method of distributing pesticide into walls of a building containing a port mounted in an exterior building wall in fluid communication with a plurality

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of elongate tubing members extending through interior building walls comprising

locating a wheeled vehicle in the vicinity of the port, said vehicle having a source of pressurized inert gas and a source of pesticide mounted thereon, and having conduit means extending from the sources to a fluid injection device,

5 sealably mounting the fluid injection device in the port,
injecting pesticide into the tubing members,
thereafter injecting pressurized inert gas into the tubing members to
10 force pesticide out through orifices in the tubing members measuring the amount of pesticide injected through the port,
sending information with respect to the amount of pesticide injected through the port to a processor located on the vehicle, said processor printing a written record of the amount of pesticide injected through the
15 port.

17. A system for distributing pesticide into interior walls of a building comprising

a wheeled vehicle,
a source of pressurized inert gas and a source of pesticide mounted
20 separately on the vehicle,
a fluid injection device having a discharge nozzle adapted to sealably engage a port in a building wall,
conduits connecting each source to the injection device,

- flow measuring means for detecting the amount of pesticide passing through the fluid injection device,
- data processing and printing means, electrically connected to the flow measuring means, mounted on the vehicle for calculating and recording the amount of pesticide distributed through the fluid injection device.
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18. The system of Claim 17 also comprising a port mounted in the building wall, a manifold connected downstream of the port having an inlet portion and a plurality of outlets,
- 10 19. The system of Claim 17 wherein the manifold has at least six outlets.

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